Title (en)

SYSTEM OPERATING USING OPC UA, COMMUNICATION METHOD USING OPC UA, AND LOAD BALANCER

Title (de)

SYSTEM, DAS MIT OPC UA ARBEITET, KOMMUNIKATIONSVERFAHREN MIT OPC UA UND LASTAUSGLEICHSVORRICHTUNG

Title (fr)

SYSTÈME FONCTIONNANT EN UTILISANT L'OPC UA, PROCÉDÉ DE COMMUNICATION UTILISANT L'OPC UA ET ÉQUILIBREUR DE CHARGE

Publication

EP 3817335 B1 20221102 (EN)

Application

EP 20194182 A 20200902

Priority

US 201916670490 A 20191031

Abstract (en)

[origin: EP3817335A1] A system that operates using Open Platform Communications (OPC) Unified Architecture (UA) includes: a redundant server set including a first OPC UA server and a second OPC UA server; an OPC UA client configured to designate an endpoint Uniform Resource Locator (URL) to communicate with the redundant server set; and a load balancer (LB) connected between the redundant server set and the OPC UA client. The OPC UA client is configured to send a request for connection to the endpoint URL. The first OPC UA server is an active server. The second OPC UA server is a standby server. The LB is configured to proxy the connection to the first OPC UA server. The end point ULR is different from a URL of each of the first OPC UA server and the second OPC UA server.

IPC 8 full level

H04L 67/12 (2022.01)

CPC (source: EP US)

G06F 16/9566 (2019.01 - US); **H04L 47/125** (2013.01 - US); **H04L 49/351** (2013.01 - US); **H04L 67/1031** (2013.01 - US); **H04L 67/12** (2013.01 - EP US); **H04W 76/10** (2018.02 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3817335 A1 20210505; **EP 3817335 B1 20221102**; JP 2021072105 A 20210506; JP 6988973 B2 20220105; US 11032362 B2 20210608; US 2021136143 A1 20210506

DOCDB simple family (application)

EP 20194182 A 20200902; JP 2020166830 A 20201001; US 201916670490 A 20191031